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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): William Alan Burris	
APPLN. NO: 09/004,897	EXAMINER: F. Lawrence, Jr.
FILED: 9 January 1998	ART UNIT: 1724
TITLE: FLOWTHROUGH BATCH LIQUID PURIFIER	

## RESPONSE TO OFFICE ACTION MAILED 20 MAY 1999

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

## In the Claims:

Please amend claims 1, 19, 21, and 39 as follows:

1. (AMENDED) In a batch liquid purifier having a generator outputting an ozone-containing gas merged during a purification operation with a batch of liquid flowing [in] once through a passageway from [a] an untreated liquid batch container to a purified liquid dispenser, an improvement comprising:
- admission of untreated liquid to the passageway being blocked when the purifier is not operating;
  - a pumping system that operates when the purifier is operating to admit untreated liquid to the passageway, to flow liquid once through the passageway, and to mix the ozone-containing gas with the liquid flowing in the passageway to dissolve the ozone in the liquid;
  - the liquid passageway downstream and adjacent to the mixing of the ozone-containing gas with the liquid being formed as an upflow chamber in which bubbles of the ozone-containing gas entrained in the liquid rise within and to the level of an initial flow of liquid rising in the upflow chamber at the beginning of a purification cycle; and

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